

REMARKS

In the Office Action mailed October 4, 2004, Claims 1-3, 7-9, and 13-15 were rejected, and Claims 4-6, 10-12, and 16-18 were objected to.

In the Advisory Action dated December 28, 2004, the Examiner does not enter the proposed amendment because the addition of Claims 19-22 would require a new search. In response, Applicant has cancelled Claims 19-22 without prejudice. Claims 4-6, 10-12, and 16-18 remain objected to

Claims 1, 5, 7, and 13 are amended. Claims 4, 12, and 16 are canceled without prejudice. Claims 1-3, 5-11, 13-15, and 17-18 are now pending in the application. In view of the remarks and amendments, Applicant respectfully requests reconsideration of the application and submits that all pending claims are in a condition for allowance.

The Examiner states that Claims 4-6, 10-12, and 16-18 are allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Independent Claim 1 is amended to include the limitations recited in Claim 4. Independent Claim 7 is amended to include the limitations recited in Claim 12. Independent Claim 13 is amended to include the limitations recited in Claim 16. Accordingly, Claims 1, 7, and 13 are in a condition for allowance.

Further, Claims 2, 3, 5, and 6 are also in a condition for allowance because they depend on allowable independent Claim 1. Further, Claims 8-11 are also in a condition for allowance because they depend on allowable independent Claim 7. Further, Claims 14, 15, 17, and 18 are also in a condition for allowance because they depend on allowable independent Claim 13.

The Examiner has also indicated in the Advisory Action mailed on December 28, 2004, that Claim 5 recites "input register FEIQ" and that Claim 17

mentions a "second buffer" without a reference to a first buffer. Applicant has corrected the typographical error in Claims 5 and 17 by correctly stating the "input register FIFO" and "a buffer", respectively.

In view of the foregoing remarks and amendments, Applicant respectfully submits that all pending claims are in condition for allowance. Such allowance is respectfully requested.

If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact Richard H. Butler at (408) 223-9763.

Respectfully submitted,

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